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Claims of EP0691528

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1. Mass flow measuring instrument for flowing mediums, which works after the Coriolis principle, with at least the flowing medium a leading Coriolis conduit (1), with at least the Coriolis conduit (1) exciting vibrator (2), control unit (5), evaluating with at least two Coriolis oscillations seizing measuring sensors (3, 4), based on Coriolis forces, and with the vibrator (2) heading for and the measurement signals of the measuring sensors (3, 4), whereby the vibrator (2) the Coriolis conduit (1) with a suggestion achievement energizes and whereby in the control unit (5) the suggestion achievement is to the oscillation producer (2) supplying suggestion achievement generator (6) provided, characterised in that the suggestion achievement of the suggestion achievement generator (6) during the operation is more adjustable.
2. Massendurchflussmessgerät according to claim 1, characterised in that the suggestion achievement of the suggestion achievement generator (6) over an external accessible operating element is more adjustable.
3. Mass flow measuring instrument according to claim 1, characterised in that in the control unit (5) the amplitude of the suggestion oscillation as controlled variable on a set value of held controllers (8) provided is and the controller (8) the suggestion achievement of the suggestion achievement generator (6) as manipulated variable of the control circuit affected.
4. Mass flow measuring instrument according to claim 3, characterised in that the controller (8) the average of the amplitudes of the measurement signals as actual value supplied becomes.
5. Mass flow measuring instrument according to claim 3, characterised in that that the controller (8) the sum of the amplitudes of the measurement signals as actual value supplied becomes.
6. Massendurchflussmessgerät after one of the claims 3 to 5, characterised in that of the controllers (8) the temporal average of the suggestion achievement affected supplied from the suggestion achievement generator (6).
7. Mass flow measuring instrument according to claim 6, characterised in that the suggestion achievement generator (of 6) pulse-wide-controlled achievement pulses to the vibrator (2) supplies.
8. Mass flow measuring instrument after one of the claims 1 to 7, characterised in that the suggestion achievement a display element (10), indicative as measure for the installation-good of the mass flow measuring instrument, provided is.
9. Mass flow measuring instrument after one of the claims 1 to 8, characterised in that in the control unit (5) a threshold value comparator (12), spending with the exceeding of a predetermined maximum suggestion achievement a warning signal over a warning element (11), provided is.